Assignment Instructions

Gather and Analyze Data

You have been charged with creating a survey for your community! The community is interested in having you create a survey and present the results at the next town hall meeting.

In this project, students will:

Learn about quantitative variables.

1. Learn to analyze data for measures of central tendency (mean, median and mode)
2. Learn to create an effective presentation with real-world conclusions.

To complete this project you will:

Think of a problem within your community or workplace. The problem needs to be something others will have an interest in solving or will want to share reactions to.

1. Create a 10 question survey with quantitative variables (number) on a topic you are interested in. Think of questions where 0 is dislike there is a scale to 4- like. Another way to do this is using 0-never, 1 sometimes, 2 frequently, and 3 always.
2. Administer the survey to a minimum of 10 people.
3. Analyze your data for the mean, median, and mode of each questions.
4. Create a visual from this chapter: bar graph, box and whisker plot, histogram, stem and leaf plot. etc.
5. Compile the information into a slide presentation, of at least 5 slides, to present at the next town hall. The presentation should present: the mean, median, and mode of each question, the visual of the data, and conclusions based on the statistics you found in the survey.

Length/Formatting Instructions

Length	2-2.5 pages
Font	12 point , Calibri Font, no more than 1" margins
Program/File Type	Submit in Word
Attachments	Should be pasted into the Word document if possible.
Referencing system	APA referencing system is necessary in assignments, especially material copied from the Internet. For examples of correct citations, visit the following links: http://owl.english.purdue.edu/owl/resource/560/01/
File Name	